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Serial Number: 10/538552

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Inventor Information for 10/538552

Inventor Name	City	State/Country
GROHE, KLAUS	SHILTACH	GERMANY

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign Data	Inventor
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US 20060059616 A1	20060323	Shower support	4/615		Grohe; Klaus
US D522112 S	20060530	Wallbar with shower	D23/304		Grohe; Klaus
US D516189 S	20060228	Shower wallbar	D23/304		Grohe; Klaus
US 6378911 B1	20020430	System of sanitary fittings	285/125.1	137/269	Grohe; Klaus
US 5969141 A	19991019	Intermediates for 7-amino-1-cyclopropyl-6,8-dihalogeno-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid antibacterial agents	546/156		Petersen; Uwe et al.
US 5960828 A	19991005	Sanitary fitting	137/607	137/597; 236/12.11	Grohe; Klaus et al.
US 5811433 A	19980922	1,6-naphthyridonecarboxylic acid derivatives	514/300	546/123	Bartel; Stephan e al.
US 5777181 A	19980707	2, 4, 5-trihalogeno- and 2, 3, 4, 5-tetrahalogenobenzene derivatives	568/812	558/425; 564/183; 568/425; 570/127	Klauke; Erich et al.
US 5723627 A	19980303	Preparation of 7-(3-amino- and 3-amino-methyl-1-pyrrolidiny)-3-quinolonecarboxylic acids and -naphthridonecarboxylic acids	548/557	540/364; 546/244; 546/246; 548/566	Petersen; Uwe et al.
US 5648493 A	19970715	Preparation of 7-(3-amino- and 3-amino-methyl-1-pyrrolidiny)-3-quinolonecarboxylic acids and -naphthyridonecarboxylic acids	546/156	546/123; 546/146	Petersen; Uwe et al.
US 5621105 A	19970415	Preparation of 7-(aminomethyl-oxa-7-aza-bicyclo[3.3.0]oct-7-yl) quinolonecarboxylic and 7-(aminomethyl-oxa-7-aza-bicyclo[3.3.0]oct-7-yl naphthyridonecarboxylic acid derivatives	546/167	546/123	Petersen; Uwe et al.
US 5607942 A	19970304	7-(1-pyrrolidiny)-3-quinolone- and - naphthyridone-carboxylic acid derivatives as antibacterial agents and feed additives	546/200	546/113	Petersen; Uwe et al.
US 5574161 A	19961112	7-(aminomethyl-oxa-7-aza-bicyclo[3.3.0]oct-7-yl)quinolonecarboxylic and 7-(aminomethyl-oxa-7-aza-	546/167	544/31; 544/96; 546/101; 546/122	Petersen; Uwe et al.

		bicyclo[3.3.0]oct-7-yl naphthyridonecarboxylic acid derivatives			
US 5571812 A	19961105	7-amino-1-cyclopropyl-6,8- dihalogeno- 1,4-dihydro-4-oxo-3- quinolinecarboxylic acid antibacterial agents	514/253.08	514/252.04; 514/312; 544/363; 546/156	Petersen; Uwe et al.
US 5565614 A	19961015	2,4,5-trihalogeno-and 2,3,4,5- tetrahalogenobenzene derivatives	562/849		Klauke; Erich et al.
US 5530158 A	19960625	2,4,5-trihalogeno- and 2,3,4,5- tetrahalogenobenzene derivatives	562/493		Klauke; Erich et al.
US 5480879 A	19960102	Quinolonecarboxylic acids	514/202	514/206; 540/222; 540/225	Petersen; Uwe et al.
US 5468742 A	19951121	8-vinyl- and 9-ethinyl-quinolone- carboxylic acids	514/187	514/230.5; 514/235.2; 514/253.08; 514/300; 514/312; 544/105; 544/128; 544/363; 546/113; 546/14; 546/15; 546/156; 546/5; 548/515; 560/43	Petersen; Uwe et al.
US 5464796 A	19951107	7-isoindolinyl-quinolone-carboxylic acid derivatives	514/312	546/156	Petersen; Uwe et al.
US 5457104 A	19951010	Quinolone- and naphthyridonecarboxylic acid derivatives	514/234.5	252/403; 514/235.2; 514/300; 514/312; 544/127; 544/128; 546/113; 546/123; 546/156	Bartel; Stephan e al.
US 5453422 A	19950926	Quinolone- and naphthyridone carboxylic acid derivatives, process for their production, antibacterial compositions and feed additives	514/187	514/312; 546/156; 546/5	Petersen; Uwe et al.

		containing them			
US 5416096 A	19950516	7-(1-pyrrolidinyl)-3-quinolone carboxylic acid derivatives as antibacterial agents and feed additives	514/312	514/230.2; 544/101; 546/156	Petersen; Uwe et al.
US 5395944 A	19950307	7-(aminomethyl-oxa-7-aza-bicyclo[3.3.0]oct-7-yl)quinolonecarboxylic and 7-(aminomethyl-oxa-7-aza-bicyclo[3.3.0]oct-7-yl)naphthyridone-carboxylic acid intermediates	548/453		Petersen; Uwe et al.
US 5371090 A	19941206	Naphthyridonecarboxylic acid derivatives	514/300	546/123	Petersen; Uwe et al.
US 5362909 A	19941108	Process for the preparation of 3-chloro-2,4,5-trifluorobenzoyl chloride, 2,4,5-trifluorobenzoyl fluoride, and 2,3,4,5-tetrahalogenobenzene derivatives	562/852	562/493; 562/840; 562/849; 562/856; 562/861; 562/862; 562/864	Klauke; Erich et al.
US 5312823 A	19940517	7-azaisoindolinyl-quinolone-carboxylic acid derivatives	514/300	546/113	Petersen; Uwe et al.
US 5300643 A	19940405	Quinolonecarboxylic acid derivatives	544/363	544/128; 544/357; 544/58.6; 546/156	Grohe; Klaus et al.
US 5284855 A	19940208	7-(2,7-diazabicyclo[3.3.0]octyl)-3-quinolone-and-naphthyridonecarboxylic acid derivatives	514/300	546/123; 546/156	Petersen; Uwe et al.
US 5284842 A	19940208	Quinolone- and naphthridone carboxylic acid derivatives, process for their production, antibacterial compositions and feed additives containing them	514/187	514/300; 514/312; 546/123; 546/156; 546/5	Petersen; Uwe et al.
US 5252734 A	19931012	Antibacterial 5-alkylquinolonecarboxylic acids	544/64	544/101; 544/32; 544/4; 544/63; 544/73; 544/91; 546/113; 546/156; 546/5; 546/94	Schriewer Michael e al.

US 5237060 A	19930817	Process of preparing enantiomerically pure 1,8-bridged 4-quinolone-3-carboxylic acids	544/101	540/547; 540/559; 544/344	Schriewer Michael e al.
US 5217972 A	19930608	Quinolonecarboxylic acid derivatives and their use as antiviral agents	514/252.11	514/253.08; 544/121; 544/128; 544/357; 544/363; 544/80; 546/156	Grohe; Klaus et al.
US 5202337 A	19930413	7-(2,7-diazabicyclo[3.3.0]octyl)-3-quinoline- and -naphthyridone-carboxylic acid derivatives	514/312	544/101; 544/32; 544/4; 544/64; 546/123; 546/156; 546/5; 546/89	Petersen; Uwe et al.
US 5200548 A	19930406	2,4,5-Trihalogeno- and 2,3,4,5-tetrahalogenobenzene derivatives	558/425		Klauke; Erich et al.
US 5190955 A	19930302	Antibacterial 8-cyano-1-cyclopropyl-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/312	514/349; 514/363; 544/128; 544/54; 544/58.2; 544/58.6	Schriewer Michael e al.
US 5182401 A	19930126	Preparation of 3-amino-2-(het)aroyl-acrylic acid derivatives	546/287	546/156; 546/288; 546/289; 546/296; 546/297; 546/298; 546/307; 546/310; 546/315; 558/405; 560/17; 560/22; 560/23; 560/51; 560/53; 564/251; 564/313; 564/341; 564/343	Grohe; Klaus

US 5173484 A	19921222	Quinolone- and naphthyridone carboxylic acid derivatives, process for their production, antibacterial compositions and feed additives containing them	514/187	514/312; 544/128; 544/141; 544/71; 546/15; 546/156; 546/242; 546/5; 548/147; 548/216; 548/300.7; 548/541; 548/557; 548/566; 548/568	Petersen; Uwe et al.
US 5153204 A	19921006	7-(1-Pyrrolidinyl)-quinolonecarboxylic acid derivatives	514/312	514/300; 546/123; 546/156	Petersen; Uwe et al.
US D329912 S	19920929	Faucet handle	D23/252		Grohe; Klaus
US 5145853 A	19920908	Bactericidal formulations for use in veterinary medicine	514/253.08	514/247; 514/253.03; 514/253.04	Metzger; Karl G. et al.
US 5140033 A	19920818	Antibacterial 5-alkylquinolonecarboxylic acids	514/312	514/215; 514/216; 514/224.2; 514/230.5; 514/249; 514/300; 540/552; 540/556; 540/597; 544/105; 544/349; 544/48; 544/91; 546/113; 546/15; 546/156; 548/147; 548/216; 548/218; 548/242; 548/300.7; 548/409; 548/453;	Schriewer Michael e al.

				548/541; 548/556; 548/557; 548/566; 560/43	
US D324095 S	19920218	Faucet	D23/238		Grohe; Klaus
US 5077429 A	19911231	7-amino-1-cyclopropyl-4-oxo-1,4-dihydro-quinoline- and naphthyridine-3-carboxylic acids, processes for their preparation and antibacterial agents containing these compounds	560/51	544/128; 544/363; 546/123; 546/156; 560/53	Grohe; Klaus et al.
US 5072038 A	19911210	2,3,4,5-tetrahalogenobenzene derivatives	562/840	558/425; 562/493; 562/849; 562/862; 564/183	Klauke; Erich et al.
US 5061712 A	19911029	Preparation of 7-(3-amino- and 3-amino-methyl-1-pyrrolidinyl)-3-quinolonecarboxylic acids and -naphthyridonecarboxylic acids	514/360	514/229.8; 514/294; 514/312; 544/101; 544/32; 546/100; 546/123; 546/155; 546/156	Petersen; Uwe et al.
US 5059597 A	19911022	7-(4-oxa or 4-thia-2,7-diazabicyclo[3.3.0]oct-2-en-3-yl)-3-quinolone-and-naphthyridonecarboxylic acid derivatives as antibacterial agents and feed additives	514/224.5	514/230.2; 514/294; 514/300; 514/312; 544/101; 544/32; 546/123; 546/156; 546/94	Petersen; Uwe et al.
US 5051418 A	19910924	Antibacterial 8-cyano-1-cyclopropyl-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/228.2	514/226.8; 544/128; 544/349; 544/363; 544/54; 544/58.2; 544/58.6; 546/156	Schriewer Michael et al.
US 4990661 A	19910205	Process for the preparation of benzoic acid derivatives	562/493	562/438; 562/456;	Petersen; Uwe et al.

				562/458; 562/863	
US 4990646 A	19910205	Preparation of halogenated quinolonecarboxylic acids	558/405		Grohe; Klaus
US 4990517 A	19910205	7-(1-pyrrolidiny)-3-quinolone- and -naphthyridonecarboxylic acid derivatives as antibacterial agents and feed additives	514/300	514/224.5; 514/230.2; 514/230.5; 514/312; 544/101; 544/32; 544/63; 544/91; 546/100; 546/113; 546/123; 546/156	Petersen; Uwe et al.
US 4981854 A	19910101	A-aryl-4-quinolone-3-carboxylic acids	514/253.08	514/187; 514/312; 544/225; 544/363; 546/156; 546/8	Grohe; Klaus et al.
US 4980353 A	19901225	1-aryl-4-quinolone-3-carboxylic acids	514/253.08	514/187; 514/312; 544/225; 544/363; 546/156; 546/8	Grohe; Klaus et al.
US 4958045 A	19900918	Intermediates for preparing 1,8- bridged 4-quinolone-3-carboxylic acids	560/20	560/29; 560/42; 562/434; 562/463; 562/465	Grohe; Klaus et al.
US 4956465 A	19900911	Quinolone- and 1,8-naphthyridin-4- one-carboxylic acids which are C- bonded in the 7-position	546/156	546/123	Schriewer Michael e al.
US 4914228 A	19900403	Preparation of halogenated quinolonecarboxylic acids	560/103		Grohe; Klaus
US 4908366 A	19900313	Antibacterial 8-cyano-1- cyclopropyl-1,4-dihydro-4-oxo-3- quinolinecarboxylic acids	514/253.08	544/128; 544/349; 544/363; 544/58.2; 544/58.6; 546/156	Schriewer Michael e al.
US 4870182 A	19890926	4-Hydroxy-quinoline-3-carboxylic	546/156	560/23; 560/39	Schriewer Michael e

					al.
US 4859773 A	19890822	Preparation of 1,8-bridged 4-quinoline-3-carboxylic acids	544/101		Grohe; Klaus et al.
US 4851160 A	19890725	Process for the preparation of benzoic acid derivatives	562/852	562/433; 562/456; 562/861; 562/862; 562/863	Petersen; Uwe et al.
US 4847375 A	19890711	Antibacterial 1,8-bridged 4-quinoline-3-carboxylic acids	544/99	544/101; 544/71	Grohe; Klaus et al.
US RE32975 E	19890704	4-Pyridone-3-carboxylic acids and/or derivatives thereof	514/217.07	514/228.2; 514/228.5; 514/234.2; 514/234.5; 514/235.2; 514/248; 514/250; 514/264.1; 514/300; 514/312; 540/597; 540/600; 544/117; 544/127; 544/128; 544/236; 544/279; 544/350; 544/58.6; 546/123; 546/153; 546/155; 546/156; 546/318	Grohe; Klaus et al.
US 4844902 A	19890704	Topically applicable formulations of gyrase inhibitors in combination with corticosteroids	424/449	424/447	Grohe; Klaus
US 4841059 A	19890620	Pyridine-enamines	546/312	546/330; 546/333; 546/335; 546/336; 546/337	Schriewer Michael et al.
US 4840954 A	19890620	6,7-disubstituted 1-cyclopropyl-1,4-dihydro-4-oxo-1,8-naphthyridine-3-	514/253.04	514/186; 514/300;	Petersen; Uwe et al.

		carboxylic acids		544/362; 546/123	
US 4820716 A	19890411	7-(1-Pyrrolidinyl)- quinolonecarboxylic acid derivatives	514/312	514/186; 514/187; 514/300; 546/123; 546/156; 546/5	Petersen; Uwe et al.
US 4816451 A	19890328	Antibacterial 1,8-bridged 4- quinolonecarboxylic acids	514/185	514/230.2; 540/541; 540/544; 544/101	Schriewer Michael e al.
US 4808585 A	19890228	Solutions of lactic acid salts of piperazinylquinolone- and piperazinyl-azaquinolone-carboxylic acids	514/230.2	514/970	Grohe; Klaus et al.
US 4808583 A	19890228	Solutions of lactic acid salts of piperazinylquinolone- and piperazinyl-azaquinolone-carboxylic acids	514/253.04	514/253.03; 514/253.08; 514/970	Grohe; Klaus et al.
US 4806539 A	19890221	1-cyclopropyl-6-fluoro-1,4- dihydro-4-oxo-7-(1-piperazinyl)-3- quinolinecarboxylic acids and antibacterial agents containing them	514/253.08	514/186; 514/235.2; 544/121; 544/225; 544/363; 544/374; 544/379; 544/383; 546/156	Petersen; Uwe et al.
US 4804760 A	19890214	Process for the preparation of 4- hydroxy-quinoline-3-carboxylic acids	546/153	546/156; 560/22; 560/38; 560/47; 560/51; 560/53; 562/434; 562/456; 562/493; 562/868; 568/335	Schriewer Michael e al.
US 4782156 A	19881101	Nitriles of halogenated quinolonecarboxylic acids	546/153	546/156; 548/247; 558/405; 568/335	Grohe; Klaus
US 4772605 A	19880920	Basic formulations of quinolonecarboxylic acids	514/253.08	514/253.03; 514/253.04;	Naik; Arundev

				544/101; 544/362; 544/363	H. et al.
US 4762844 A	19880809	Antibacterially active alkyl-1-cyclopropyl-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/312	546/156; 560/23; 560/48; 560/53; 560/54; 562/868	Grohe; Klaus et al.
US 4762831 A	19880809	Antibacterial 1,8-bridged 4-quinolone-3-carboxylic acids	514/230.2	540/543; 540/546; 540/550; 540/556; 540/581; 544/101; 544/14; 544/230; 544/32; 544/343; 544/344; 544/6; 544/71; 544/99; 546/15; 546/72; 546/93; 546/94	Grohe; Klaus et al.
US 4753925 A	19880628	Antibacterial 1,7-diamino-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/253.08	514/235.2; 514/313; 514/314; 544/128; 544/363; 546/156	Grohe; Klaus et al.
US 4725595 A	19880216	1,8-bridged 4-quinolone-3-carboxylic acid antibacterials	514/211.09	514/211.1; 514/219; 514/229.5; 514/250; 540/468; 540/472; 540/546; 540/556; 544/343; 544/99	Schriewer Michael e al.
US 4705789 A	19871110	Solutions of lactic acid salts of piperazinylquinolone- and piperazinyl-azaquinolone-carboxylic	514/253.03	514/253.04; 514/253.08; 514/314;	Grohe; Klaus et al.

		acids		544/361; 544/362; 544/363	
US 4705788 A	19871110	Novel antibacterial 7-amino-1(substituted cyclopropyl)-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/253.08	514/228.2; 514/235.2; 544/128; 544/363; 544/62; 546/156; 564/1	Schriewer Michael e al.
US 4703047 A	19871027	1-Cyclopropyl-1,4-dihydro-4-oxo-7-(4-(2-oxo-1,3-dioxol-4-yl- methyl)-1-piperazinyl)-3-quinolinecarboxylic acid antibacterial agents	514/253.08	544/363; 546/156	Petersen; Uwe et al.
US 4699992 A	19871013	3-amino-2-benzoylacrylic acid derivatives	558/405	544/363; 560/21; 560/22; 560/38; 564/163; 564/166; 564/168	Grohe; Klaus
US 4695646 A	19870922	Aminoacrylic acid derivatives	560/43	560/53	Maurer; Fritz et al.
US 4680401 A	19870714	Preparation of halogenated quinolonecarboxylic acids	546/153	546/156; 546/157; 548/247	Grohe; Klaus
US 4670444 A	19870602	7-amino-1-cyclopropyl-4-oxo-1, 4-dihydro-quinoline-and naphthyridine-3-carboxylic acids and antibacterial agents containing these compounds	514/300	514/230.8; 514/234.5; 514/235.2; 514/252.18; 514/253.04; 514/253.08; 514/312; 544/127; 544/128; 544/295; 544/362; 544/363; 546/123; 546/156	Grohe; Klaus et al.
US 4666920 A	19870519	Antibacterial 1,7-diamino-1,4-dihydro-4-oxo-3-quinolinecarboxylic acids	514/312	514/228.2; 514/234.5; 514/235.2; 514/253.08; 514/343;	Grohe; Klaus et al.

				544/128; 544/363; 544/62; 546/156	
US 4659603 A	19870421	Immunostimulating agents	424/278.1	514/253.08; 514/885	Grohe; Klaus et al.
US 4620007 A	19861028	6-fluoro-7-chloro-1-cyclopropyl-4-oxo-1,4-dihydro-quinoline-3-carboxylic acid	546/156	514/234.5; 514/235.2; 514/253.08; 514/300; 514/314; 544/128; 544/363; 546/123; 560/51; 560/53	Grohe; Klaus et al.
US 4611080 A	19860909	Preparation of halogenated aroylacetic acid esters	560/51	568/323; 568/331	Grohe; Klaus
US 4599334 A	19860708	7-(3-aryl-1-piperazinyl)- and 7-(3-cyclohexyl-1-piperazinyl)-3-quinolonecarboxylic acid antibacterials	514/253.08	544/363; 546/156	Petersen; Uwe et al.
US 4588726 A	19860513	1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(3-oxo-1-piperazinyl)-3-quinolinecarboxylic acid antibacterial agents	514/253.08	544/363; 546/141	Petersen; Uwe et al.
US 4563459 A	19860107	Microbicidal agents based on quinolonecarboxylic acid	514/253.08	514/187; 514/228.2; 514/230.8; 514/235.2; 514/252.04; 514/252.18; 514/312; 544/363; 546/156	Grohe; Klaus et al.
US 4563448 A	19860107	Bactericidal agents	514/187	514/253.08; 514/85; 544/225; 987/54	Petersen; Uwe et al.
US 4559342 A	19851217	Quinolone acids and antibacterial agents containing these compounds	514/253.08	544/358; 544/363; 546/156; 987/54	Petersen; Uwe et al.
US 4559341 A	19851217	Quinolonecarboxylic acids and antibacterial agents containing these	514/253.08	544/358; 544/363;	Petersen; Uwe et al.

		compounds		546/156	
US 4556709 A	19851203	2-Amino-8-cyclopropyl-5-oxo-5,8-dihydro-pyrido[2,3-d]-pyrimidin e-6-carboxylic acid compounds	544/117	540/544; 540/553; 540/575; 540/600; 544/279; 544/280; 544/323; 544/325; 544/329; 544/334	Grohe; Klaus et al.
US 4556658 A	19851203	7-Amino-1-cyclopropyl-6,8-difluoro-1,4-di hydro-4-oxo-quinoline-3-carboxylic acids and antibacterial agents containing these compounds	514/253.08	514/228.2; 514/230.8; 514/235.2; 514/252.04; 514/256; 514/312; 544/128; 544/358; 544/363; 544/58.6; 544/63; 544/96; 546/156	Grohe; Klaus et al.
US 4548934 A	19851022	4H-1,4-Benzothiazine derivatives	514/224.2	544/51; 544/52	Fengler; Gerd et al
US 4547503 A	19851015	1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-[4-(oxo-alkyl)-1-piperazinyl]quinoline-3-carboxylic acids and their derivatives, and antibacterial agents containing them	514/253.08	544/353; 546/156	Petersen; Uwe et al.
US 4544658 A	19851001	1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(alkyl-1-piperazinyl)quinoline-3-carboxylic acids, processes for their preparation and antibacterial agents containing them	514/253.08	544/358; 544/363; 544/404; 546/156	Petersen; Uwe et al.
US 4523734 A	19850618	Holding device for a shower post	248/251	264/1.9	Grohe; Klaus
US 4487783 A	19841211	Combating fungi with novel (thio)ureas, and novel intermediates therefor	514/595	564/26; 564/28; 564/29; 564/30; 564/49; 564/52; 564/54;	Grohe; Klaus et al.

				564/56	
US 4439620 A	19840327	2,4-Dichloro-5-fluorobenzoyl halide and a process for its preparation	562/493	544/362; 544/363; 546/156; 560/47; 562/840; 564/442; 568/425; 568/437; 570/127	Klauke; Erich et al.
US 4382933 A	19830510	Combating fungi with 2-methylene- 3-substituted-4,5-bis- trifluoromethyl-imino-thiazolidines	514/236.8	514/211.15; 514/326; 514/370; 544/133; 548/191	Grohe; Klaus et al.
US 4284629 A	19810818	Process for the preparation of 4- pyridone-3-carboxylic acids and/or derivatives thereof	514/217.07	514/228.5; 514/234.2; 514/264.1; 540/544; 540/553; 540/575; 540/600; 544/117; 544/279; 544/58.6; 546/156; 546/318	Grohe; Klaus et al.
US 4273573 A	19810616	Agents for regulating plant growth using 2-thiazolone-5-carboxylic acid compounds	504/266	504/177; 504/179; 504/219; 504/221; 504/225; 504/235; 504/248; 504/252	Grohe; Klaus et al.
US 4266730 A	19810512	Spray device	239/587.5	285/184	Grohe; Klaus
US 4237143 A	19801202	Combating fungi with 2-methylene- 3-substituted-4,5-bis-trifluoro- methyl imino-thiazolidines	514/370	514/211.15; 514/217.1; 514/236.8; 514/342; 514/360; 544/133; 548/191	Grohe; Klaus et al.
US 4141502 A	19790227	Pulsating water jet massage shower head construction	239/381	239/558	Grohe; Klaus

US 4010174 A	19770301	Thiazolinone-(2)-carboxylic acid esters and process therefor	548/188		Grohe; Klaus et al.
US 3932436 A	19760113	2-Thiazolone-5-carboxylic acid ester fungicidal agents	548/188		Grohe; Klaus et al.
US 3925400 A	19751209	Certain 2-oxo-4-thiazoline-5-carboxylic acid esters	548/188		Grohe; Klaus et al.
US 3912730 A	19751014	2,4,5-Trioxo-tetrahydro-1,3-oxazines	544/97	544/96	Grohe; Klaus
US 3852470 A	19741203	DIHALOCYCLOPENTENEDIONE FUNGICIDAL AND BACTERICIDAL AGENTS	514/684	514/249; 514/359; 514/438; 514/461; 514/690	Grohe; Klaus et al.
US 3830432 A	19740820	SHOWER CONSTRUCTION	239/394	239/587.4	Grohe; Klaus